Product Datasheet

Recombinant mouse vimentin Antibody (orb669776)

Catalog Number	orb669776
Category	Antibodies
Description	Mouse monoclonal antibody to Vimentin
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG1
Conjugation	Unconjugated
Reactivity	Human, Mouse
UniProt ID	P08670
Tested applications	ICC, IHC, WB
Specificity	Human and mouse vimentin
Antibody Type	Primary Antibody
Clone Number	RV204
Source	This product is a recombinant mouse anti vimentin monoclonal antibody produced in mammalian HEK293 cells. Clone RV204 is produced by cloning the antibody sequence of the mouse anti vimentin hybridoma RV202, which was derived by fusion of SP2/0-Ag14 mouse myeloma cells with spleen cells from a BALB/c mouse immunized with a cytoskeletal vimentin extract of calf lens.

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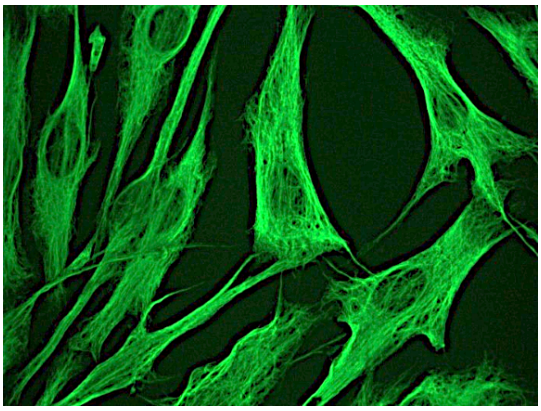
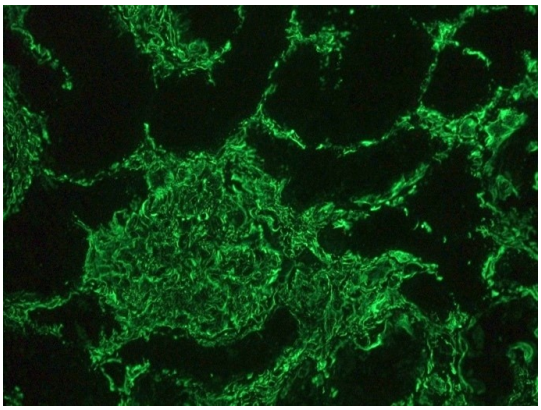
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Indirect immunofluorescence staining of normal human dermal fibroblasts in tissue culture with orb669776 (diluted 1:250), showing the specific cytoskeletal pattern of vimentin intermediate filaments.



Indirect immunofluorescence staining of human kidney tissue section with orb669776 (diluted 1:1000), showing the specific pattern of vimentin in the mesenchymal cell types, such as fibroblasts in the connective tissue, podocytes, and endothelial cells in blood vessels. As expected, no reactivity is seen in the epithelial cell compartment

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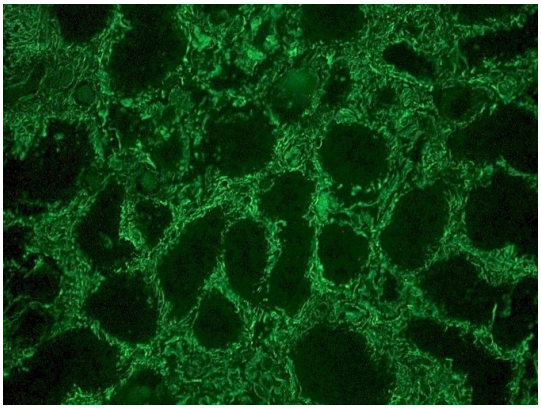
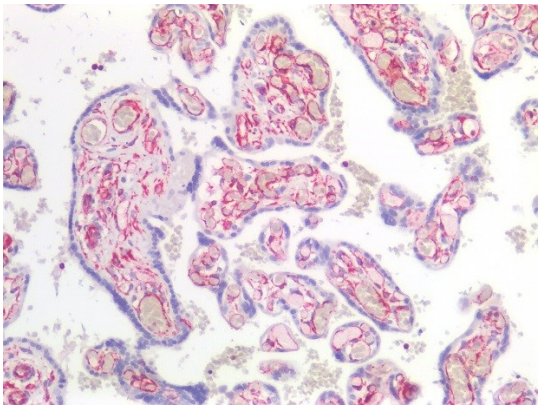
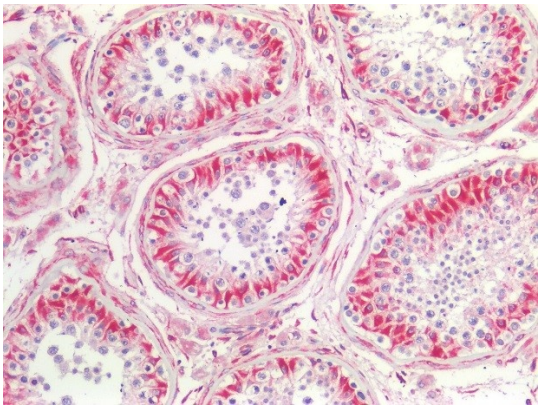


Indirect immunofluorescence staining of human kidney tissue section with orb669776 (diluted 1:1000), showing the specific pattern of vimentin in the mesenchymal cell types, such as fibroblasts in the connective tissue, podocytes, and endothelial cells in blood vessels. As expected, no reactivity is seen in the epithelial cell compartment



Immunostaining of human paraffin embedded tissue section of placenta with orb669776 (diluted 1:100), showing the specific pattern of vimentin in the mesenchymal cell types, such as fibroblasts in the connective tissue, and endothelial cells in blood vessels. As expected, no reactivity is seen in the epithelial cell compartment



Immunostaining of human paraffin embedded tissue section of testis with orb669776 (diluted 1:100), showing the specific pattern of vimentin in the mesenchymal cell types, such as fibroblasts in the connective tissue, endothelial cells in blood vessels and Sertoli cells.

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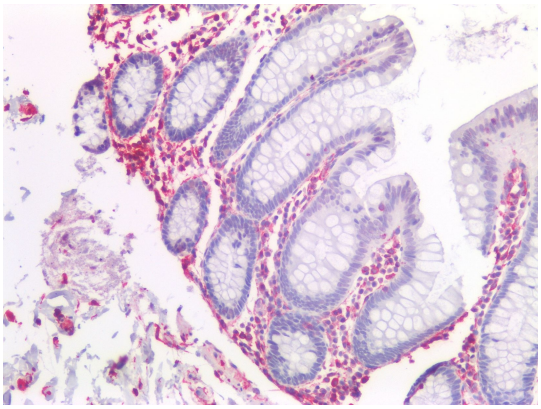
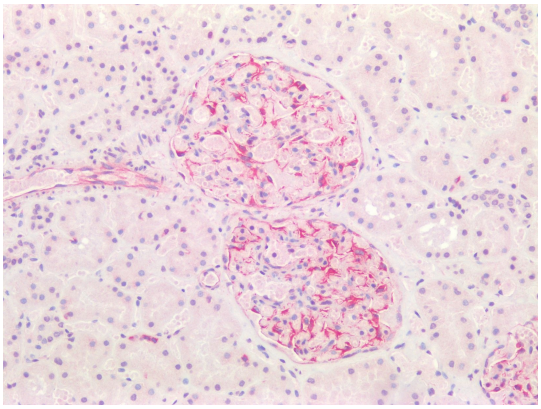
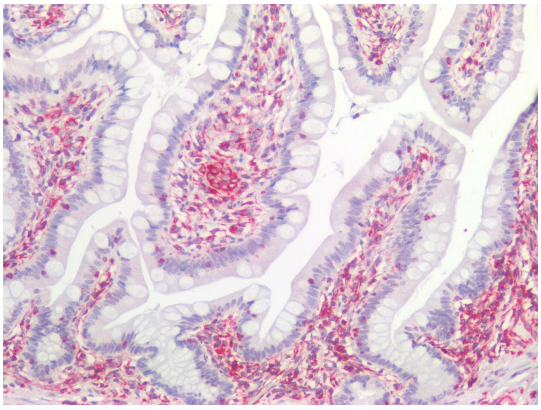


Immunostaining of human paraffin embedded tissue sections of human colon with orb669776 (diluted 1:100), showing the specific pattern of vimentin in the mesenchymal cell types, such as fibroblasts in the connective tissue, and endothelial cells in blood vessels. As expected, no reactivity is seen in the epithelial cell compartment.



Immunostaining of human paraffin embedded tissue sections of human kidney with orb669776 (diluted 1:100), showing the specific pattern of vimentin in the mesenchymal cell types, such as fibroblasts in the connective tissue, and podocytes. As expected, no reactivity is seen in the epithelial cell compartment.



Immunostaining of human paraffin embedded tissue sections of human small intestine with orb669776 (diluted 1:100), showing the specific pattern of vimentin in the mesenchymal cell types, such as fibroblasts in the connective tissue. As expected, no reactivity is seen in the epithelial cell compartment.

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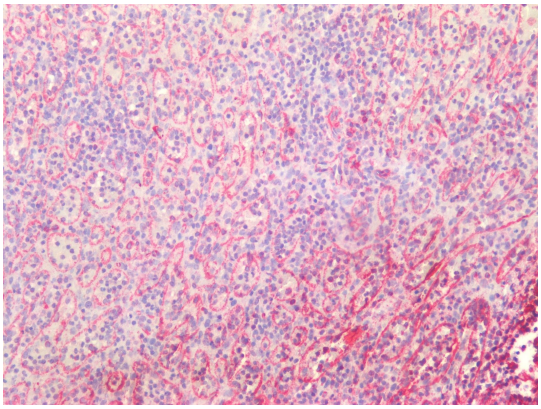
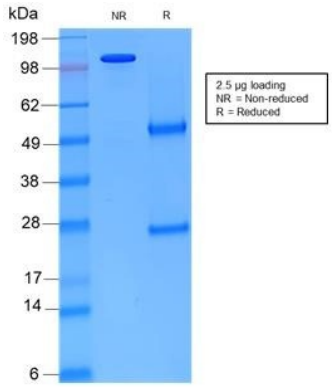


Immunostaining of human paraffin embedded tissue sections of human spleen with orb669776 (diluted 1:100), showing the specific pattern of vimentin in the mesenchymal cell types.



Non-reduced and reduced SDS-PAGE of orb669776 showing its purity.

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